



SEQUENCE LISTING

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TECH CENTER 1600/2900

<110> Heller, Michael J.
Windhab, Norbert
Anderson, Richard R.
Ackley, Donald E.
Nova, Tina S.
Hoppe, Hans-Ullrich
Hamon, Christian

<120> MICROELECTRONIC MOLECULAR DESCRIPTOR ARRAY DEVICES, METHODS,
PROCEDURES, AND FORMATS FOR COMBINATORIAL SELECTION OF INTERMOLECULAR
LIGAND BINDING STRUCTURES AND FOR DRUG SCREENING

<130> Patrick Eagleman: Nanogen 241/172

<140> 09/374,338

<141> 1999-08-13

<160> 31

<170> PatentIn version 3.0

<210> 1

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<222> (1)..(7)

<223> Entire sequence is Pyranosyl RNA

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<223> Base 1 is tryptamine

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<222> (7)..(7)

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<222> (7)..(7)
<223> Base 7 modified with a Peptide

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<223> Base 1 is tryptamine

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<223> Base 8 is any nucleotide

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<222> (7)..(7)
<223> Base 7 is tryptamine

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14



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Cys Leu Ser Leu Glu Gly
1 5

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Cys Ser Leu Glu Ser Gly
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Cys Ser Arg His Arg Gly
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Cys His Arg Tyr Arg Gly
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<210> 14

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<222> (4)..(4)

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7

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<222> (5)..(5)

<223> Base 5 is tryptamine

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cccnggg

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<210> 17

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<223> Base 6 is tryptamine

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<222> (5)..(5)

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<222> (4)..(5)

<223> Base 4 and 5 is modified by thioester linkage to Seq. ID No. 20

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Cys Phe Pro Tyr Trp Gly

1

5

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Cys His His His His Gly
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Cys Phe Pro Ser Phe Gly
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~~<221> modified_base~~
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<223> Base 1 is modified with Biotin

<220>
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<223> Base 6 is tryptamine

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11

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9

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<222> (2)..(2)
<223> Base 2 is tryptamine

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antgccta